

10/070723  
JCT Rec'd PCT/PTO 06 MAR 2002

**PATENT**

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Application of	:	Horst Grochowski
For	:	METHOD, DEVICE AND INSTALLATION FOR TREATING FLUIDS ON AT LEAST ONE BULK MATERIAL LAYER
International Application No.	:	PCT/EP00/08710
International Filing Date	:	September 6, 2000
First Priority Application No.	:	199 42 335.0
First Priority Filing Date	:	September 6, 1999
Second Priority Application No.	:	199 42 495.0
Second Priority Filing Date	:	September 6, 1999
Our Docket	:	PS-13393

"Express Mail" mailing label number EF210516260US

**TRANSMITTAL LETTER  
REQUEST FOR COMMENCEMENT OF  
NATIONAL STAGE UNDER 35 USC 371**

Asst. Commissioner for Patents  
Box PCT  
Washington, D.C. 20231

Dear Sir:

This letter will itemize, summarize and comment on the materials transmitted herewith,  
which relate to the above identified application as follows:

In accordance with 37 CFR 1.414, Applicant submits the attached PTO Form 1390 and  
requests that the United States Patent and Trademark Office, as the United States Elected Office,

receive the present Request and the attached copy of the above identified international application and to commence the national stage under 35 USC 371. Pursuant to PTO Form 1390, a copy of the international application as filed has been transmitted by the International Bureau. A duplicate copy is included herewith as are the required filing fees.

1. The combined Declaration/Power of Attorney identifies the subject application by its title and claims priority based upon German application DE 199 42 335.0 filed September 6, 1999; German application DE 199 42 495.0 filed September 6, 1999; and PCT/EP00/08710 filed September 6, 2000.

2. Applicant hereby reiterates and makes a claim of priority of German application DE 199 42 335.0 filed September 6, 1999 and German application DE 199 42 495.0 filed September 6, 1999. A certified copy of each priority document is on file with the International Bureau and should have been forwarded to the United States Patent and Trademark Office as a designated office. It is believed such actions are sufficient to effect Applicant's claim of priority under 35 USC 365 and 35 USC 119.

3. Also included with this application is a copy of the International Search Report dated January 18, 2001, and the International Preliminary Examination Report dated December 21, 2001.

4. Seven (7) sheets of drawings are included in the application transmitted herewith.

5. An Information Disclosure Statement under 37 C.F.R. 1.97 and 37 C.F.R. 1.98 is included.

If there are any fees required in connection with the filing of any of the documents submitted herewith which have not been fully paid for by the attached check, you are requested to charge any insufficiency in the fee tendered or credit any overpayment to our Deposit Account No. 22-0347.

It is requested that all correspondence between the Patent and Trademark Office and Applicant be had with the undersigned.

Respectfully submitted,  
VICKERS, DANIELS & YOUNG

By: 

ROBERT W. VICKERS

Reg. No. 19,504

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Cleveland, Ohio 44113

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**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Application of	:	Horst Grochowski
For	:	METHOD, DEVICE AND INSTALLATION FOR TREATING FLUIDE ON AT LEAST ONE BULK MATERIAL LAYER
International Application No.	:	PCT/EP00/08710
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Second Priority Application No.	:	199 42 495.0
Second Priority Filing Date	:	September 6, 1999
Our Docket	:	PS-13393

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**SUBMISSION OF DRAWINGS**

Asst. Commissioner for Patents  
Box PCT  
Washington, D.C. 20231

Dear Sir:

Applicant submits the enclosed seven (7) sheets of drawings for the above-identified patent application.

Respectfully submitted,  
VICKERS, DANIELS & YOUNG

By:

ROBERT V. VICKERS  
Reg. No. 19,504  
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50 Public Square, Suite 2000  
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PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of	:	Horst Grochowski
For	:	METHOD, DEVICE AND INSTALLATION FOR TREATING FLUIDE ON AT LEAST ONE BULK MATERIAL LAYER
International Application No.	:	PCT/EP00/08710
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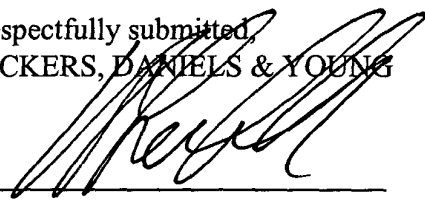
**ENGLISH TRANSLATION**

Asst. Commissioner for Patents  
Washington, D.C. 20231

Dear Sir:

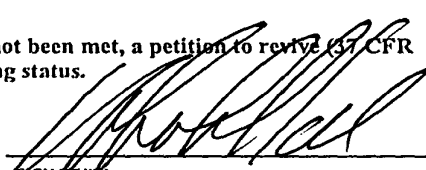
Enclosed herewith is a literal English translation of the as filed application PCT/EP00/08710,  
filed September 6, 2000.

Respectfully submitted,  
VICKERS, DANIELS & YOUNG

By:   
ROBERT V. VICKERS  
Reg. No. 19,504  
VICKERS, DANIELS & YOUNG  
50 Public Square, Suite 2000  
Cleveland, Ohio 44113  
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FORM PTO-1390 (REV 12-29-99)		DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTORNEY'S DOCKET NUMBER PS-13393	
TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A FILING UNDER 35 U.S.C. 371				U.S. APPLICATION NO. (If known, see 37 CFR 1.5) <b>10/070723</b>	
INTERNATIONAL APPLICATION NO. <b>PCT/EP00/08710</b>		INTERNATIONAL FILING DATE <b>September 6, 2000</b>		PRIORITY DATE CLAIMED <b>September 6, 1999</b>	
TITLE OF INVENTION <b>METHOD, DEVICE AND INSTALLATION FOR TREATING FLUIDS ON AT LEAST ONE BULK MATERIAL LAYER</b>					
APPLICANT(S) FOR DO/EO/US <b>Horst Grochowski</b>					
Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:					
1. <input checked="" type="checkbox"/> This is a <b>FIRST</b> submission of items concerning a filing under 35 U.S.C. 371.					
2. <input type="checkbox"/> This is a <b>SECOND</b> or <b>SUBSEQUENT</b> submission of items concerning a filing under 35 U.S.C. 371.					
3. <input type="checkbox"/> This express request to begin national examination procedures (35 U.S.C. 371(f)) at any time rather than delay examination until the expiration of the applicable time limit set in 35 U.S.C. 371(b) and PCT Articles 22 and 39(1).					
4. <input checked="" type="checkbox"/> A proper Demand for International Preliminary Examination was made by the 19th month from the earliest claimed priority date.					
5. <input checked="" type="checkbox"/> A copy of the International Application as filed (35 U.S.C. 371(c)(2))					
a. <input type="checkbox"/> is transmitted herewith (required only if not transmitted by the International Bureau).					
b. <input checked="" type="checkbox"/> has been transmitted by the International Bureau.					
c. <input type="checkbox"/> is not required, as the application was filed in the United States Receiving Office (RO/US).					
6. <input checked="" type="checkbox"/> A translation of the International Application into English (35 U.S.C. 371(c)(2)).					
7. <input checked="" type="checkbox"/> Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3))					
a. <input type="checkbox"/> are transmitted herewith (required only if not transmitted by the International Bureau).					
b. <input type="checkbox"/> have been transmitted by the International Bureau.					
c. <input type="checkbox"/> have not been made; however, the time limit for making such amendments has NOT expired.					
d. <input checked="" type="checkbox"/> have not been made and will not be made.					
8. <input type="checkbox"/> A translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).					
9. <input checked="" type="checkbox"/> An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).					
10. <input type="checkbox"/> A translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).					
Items 11. to 16. below concern document(s) or information included:					
11. <input checked="" type="checkbox"/> An Information Disclosure Statement under 37 CFR 1.97 and 1.98.					
12. <input type="checkbox"/> An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.					
13. <input type="checkbox"/> A <b>FIRST</b> preliminary amendment.					
<input type="checkbox"/> A <b>SECOND</b> or <b>SUBSEQUENT</b> preliminary amendment.					
14. <input type="checkbox"/> A substitute specification.					
15. <input type="checkbox"/> A change of power of attorney and/or address letter.					
16. <input checked="" type="checkbox"/> Other items or information:					
Copy of International Search Report dated January 18, 2001					
Copy of International Preliminary Examination Report dated December 21, 2001					
Seven (7) sheets of drawings					
Cover sheet of WO 01/17663					

Express Mail<sup>®</sup> mailing label number **EF2129162605**

U.S. APPLICATION NO. (if known, see 37 CFR 1.51) <b>10/070723</b>		INTERNATIONAL APPLICATION NO. <b>PCT/EP00/08710</b>		ATTORNEY'S DOCKET NUMBER <b>PS-13393</b>	
<p>17. <input checked="" type="checkbox"/> The following fees are submitted:</p> <p><b>BASIC NATIONAL FEE (37 CFR 1.492 (a) (1) - (5)) :</b></p> <p>Neither international preliminary examination fee (37 CFR 1.482) nor international search fee (37 CFR 1.445(a)(2)) paid to USPTO and International Search Report not prepared by the EPO or JPO ..... \$1000.00</p> <p>International preliminary examination fee (37 CFR 1.482) not paid to USPTO but International Search Report prepared by the EPO or JPO ..... \$ 860.00</p> <p>International preliminary examination fee (37 CFR 1.482) not paid to USPTO but international search fee (37 CFR 1.445(a)(2)) paid to USPTO ..... \$ 710.00</p> <p>International preliminary examination fee paid to USPTO (37 CFR 1.482) but all claims did not satisfy provisions of PCT Article 33(1)-(4) ..... \$ 690.00</p> <p>International preliminary examination fee paid to USPTO (37 CFR 1.482) and all claims satisfied provisions of PCT Article 33(1)-(4) ..... \$ 100.00</p> <p style="text-align: right;"><b>ENTER APPROPRIATE BASIC FEE AMOUNT =</b></p>				<p><b>CALCULATIONS</b>    PTO USE ONLY</p>	
				\$	890 00
<p>Surcharge of \$130.00 for furnishing the oath or declaration later than <input type="checkbox"/> 20 <input type="checkbox"/> 30 months from the earliest claimed priority date (37 CFR 1.492(e)).</p>				\$	
CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE		
Total claims	18 - 20 =	0	X \$ 18.00	\$	0 00
Independent claims	1 - 3 =	0	X \$ 80.00	\$	0 00
MULTIPLE DEPENDENT CLAIM(S) (if applicable)			+ \$260.00	\$	
<b>TOTAL OF ABOVE CALCULATIONS =</b>				\$	890 00
Reduction of 1/2 for filing by small entity, if applicable. A Small Entity Statement must also be filed (Note 37 CFR 1.9, 1.27, 1.28).				\$	
<b>SUBTOTAL =</b>				\$	890 00
Processing fee of \$130.00 for furnishing the English translation later than <input type="checkbox"/> 20 <input type="checkbox"/> 30 months from the earliest claimed priority date (37 CFR 1.492(f)).				\$	
<b>TOTAL NATIONAL FEE =</b>				\$	890 00
Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property				\$	
<b>TOTAL FEES ENCLOSED =</b>				\$	890 00
				Amount to be refunded:	\$
				charged:	\$
<p>a. <input checked="" type="checkbox"/> A check in the amount of \$ <u>890.00</u> to cover the above fees is enclosed.</p> <p>b. <input type="checkbox"/> Please charge my Deposit Account No. _____ in the amount of \$ _____ to cover the above fees. A duplicate copy of this sheet is enclosed.</p> <p>c. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. <u>22-0347</u>. A duplicate copy of this sheet is enclosed.</p>					
<p><b>NOTE:</b> Where an appropriate time limit under 37 CFR 1.494 or 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the application to pending status.</p>					
<p>SEND ALL CORRESPONDENCE TO:</p> <p><b>ROBERT V. VICKERS</b>  Vickers, Daniels &amp; Young  50 Public Square  Suite 2000  Cleveland, Ohio 44113-2235</p>					
				SIGNATURE:	
				NAME	<b>ROBERT V. VICKERS</b>
				REGISTRATION NUMBER	<u>19,504</u>